

## Technical Specifications

Physical Specifications						
Battery	Voltage	Dimensions			Acid Volume (l)	Weight (kg)
		Length (mm)	Width (mm)	Height (mm)		
SSDC100-6	6	225	170	210	3.5	15
SSDC200-6	6	265	180	290	5.0	29
SSR450-6	6	360	185	645	16.2	81
SSR535-6	6	360	185	645	15.6	88
SSR700-6	6	455	185	645	21.0	109
SSR875-6	6	550	185	645	25.5	133
SSR1025-4	4	345	235	645	20.2	103
SSR1320-4	4	345	285	645	25.6	133

Electrical Specifications							
Battery	Voltage	Ah				Recommended Minimum Charge Current Amperes	Recommended Maximum Charge Current Amperes
		C <sub>10</sub> to 1.7VPC	C <sub>24</sub> to 1.75VPC	C <sub>100</sub> to 1.85VPC	C <sub>120</sub> to 1.85VPC		
SSDC100-6	6	85	95	110*	112*	5.5	10
SSDC200-6	6	190	200	220*	224*	11.0	20
SSR450-6	6	335	374	450	460	22.5	38
SSR535-6	6	401	448	535	548	27.0	45
SSR700-6	6	531	593	700	718	35.0	60
SSR875-6	6	662	739	875	897	44.0	74
SSR1025-4	4	774	867	1025	1050	51.5	87
SSR1320-4	4	997	1118	1320	1352	66.0	113

Note: \*1.80VPC end voltage

Century Yuasa believes that the data presented is generally accurate for the purpose for which it is presented, however expressly disclaims any representation or warranty, expressed or implied, concerning the data or recommendations, and in no event shall be liable for any loss or damage claimed to have arisen as a result of the use of this brochure.



For information on Enersun Solar Batteries, call Century Yuasa or your local authorised distributor.  
Products and Sales Enquiries

Within Australia  
Tel 1300 364 877  
Fax 1300 364 329

New Zealand  
Tel 0011 649 978 6666  
Fax 0011 649 978 6677

Head Office Enquiries  
Address 37-65 Cobalt St, Carole Park Qld 4300  
PO Box 427 Goodna Qld 4300  
Tel 0061 7 3361 6361  
Fax 0061 7 3361 6366



# Evolved for survival

Truly evolved species can thrive in the harshest environments. With a host of evolutionary advancements including Tubular Plate Technology and Rugged Steel Encasements, Enersun batteries can survive long after less evolved species have perished.

Enersun Solar Energy Batteries: we're winning the power struggle



**Enersun**  
solar energy battery



**Enersun Solar Energy Batteries:  
we're winning the power struggle**



Century Yuasa's Enersun Solar Energy Battery is specifically designed to provide DC power for Remote Area Power Systems (RAPS) in the harsh Australian environment. Manufactured in Australia, it has been in service since 1991. Evolved from years of battery research and design experience, the Enersun SSR product range has set the quality benchmark in Australia for batteries in RAPS applications.

Put Enersun to work, and know that you have an evolved product, purposely designed and manufactured for the harsh Australian environment. Enersun Solar batteries 'We're winning the power struggle'.

### **The Enersun SSR for long service life**

Enersun utilises tubular positive plate technology to provide repeatable, reliable performance. Employing a sophisticated process, the tubular plates are formed by injecting 'active' materials into sealed tubes.

The plate construction method confines the active material, and as a result minimises shedding which is typically associated with flat plate technology.

Century Yuasa has integrated this technology in accordance with its Quality Assurance procedures and tight production control processes to give the Enersun a proven 7-year service life in deep cycling applications.

### **Design Feature of Enersun SSR Batteries**

- Manufactured & Designed by Century Yuasa – A product evolved through years of research, testing, development and application to ensure maximum performance.
- Tubular Positive Plate – Technology that allows a high acceptance of charge. Enersun tubular design provides extra protection against corrosion, maximising the life of the battery.
- Steel Powder Coated Tray – Cells encased in robust steel trays for extra strength during transportation, and excellent group compression of cells during the service life of the battery.

- Large 'top-of-plate' electrolyte reservoir – Reduces the affect that temperature and charging have on the available electrolyte. An innovation designed to minimise maintenance requirements.
- Wrap around separators – Provide additional protection against internal battery short circuits.
- Detailed Installation & Maintenance Manual – Minimises the risk of errors relating to the installation process.
- 3-Year Performance Warranty – For complete financial security.

### **The Brand to Trust**

Century Yuasa prides itself on the development, manufacture and servicing of quality products, are backed by a comprehensive performance warranty covering every aspect of the product application.

### **Enersun SSR Warranty**

Century Yuasa's Enersun SSR range is warranted against defects in material and workmanship for a period of three years from the date of installation. Should any cell be found to be defective in workmanship it will be repaired or replaced free of charge, when product is installed within six months from date of purchase and in accordance with Century Yuasa protocols and specifications.